

ABSTRACT OF THE DISCLOSURE .

5 LIBRARY CAPACITY SCALING BY INCREMENTAL ADDITION OF
 HORIZONTAL STORAGE TRAYS

 A method for scaling a storage library is provided,
the library comprising at least one horizontal array of
10 storage cells arranged in rows and columns, and at least
one robot that moves on guide rails along the length of
the horizontal array and can retrieve objects from and
place objects into the storage cells. The present
invention comprises expanding the library longitudinally
15 along the guide rails and/or expanding the width of the
library. Longitudinal expansion is accomplished by
adding more horizontal storage cell arrays end-to-end.
Width expansion is accomplished by means of side-by-side
accumulation of additional horizontal storage cell
20 arrays.

FOIA b 7 - D'ARCO